

**COMBINED DECLARATION, POWER OF ATTORNEY
AND VERIFIED STATEMENT CLAIMING SMALL ENTITY STATUS**

As the below named inventor, I hereby declare my residence, post office address and citizenship are as stated below next to my name; and I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CLOSED-LOOP, RAPID MANUFACTURING OF THREE-DIMENSIONAL
COMPONENTS USING DIRECT METAL DEPOSITION**

the specification of which

- ☒ is attached hereto.
- ☐ was filed on _____ as ☐ Serial No. 0 / _____
or ☐ Express Mail No., *as Serial No. not yet known* _____
_____ and was amended on _____ (if applicable).
- ☐ was described and claimed in PCT International Application No. _____
_____ filed on _____ and as amended under PCT
Article 19 on _____ (if any).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge to the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, §1.56(a). I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

			Priority Claimed	
			Yes	No
			[]	[]
_____ (Number)	_____ (Country)	_____ (Day/month/year filed)		
_____ (Number)	_____ (Country)	_____ (Day/month/year filed)	[]	[]

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

organization under 37 CFR 1.9(e). Each person, concern or organization to which I have assigned, granted, conveyed, or licensed or am under an obligation under contract or law to assign, grant, convey, or license any rights in the invention is listed below:

- ☒ no such persons, concern, or organization
☐ persons, concerns or organizations listed below

FULL NAME _____

ADDRESS _____

☐ Individual ☐ Small Business Concern ☐ Non-Profit Organization

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon.

Full name of first inventor JYOTI MAZUMDER

Inventor's signature _____

Date _____ Country of Citizenship US

Residence Ann Arbor, Michigan

Post Office Address 5074 Birkdale, Ann Arbor, Michigan 48103

Full name of second inventor JOSEPH K. KELLY

Inventor's signature _____

Date _____ Country of Citizenship US

Residence Plymouth, Michigan

Post Office Address 44696 Helm St., Plymouth, Michigan 48170